



# California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: July 29, 2007  
RELEASED: July 30, 2007

FREQUENCY: Weekly  
VOL. 28 NO. 5

## WEATHER



At the beginning of the week, a large amount of subtropical moisture moved across California from the south, following the upper level circulation around the high pressure system that layed over the region. This warm and moist air resulted in widespread thunderstorm activity over the mountains of the state, both in southern California and in the north. On Tuesday, a weak frontal system moving through the Central Valley focused enough energy to trigger light shower activity across portions of the southern Sacramento and the San Joaquin valleys. Rainfall amounts from these unusual July showers were very slight, only a couple hundredths of an inch, but were still near record amounts for July. By Wednesday, a southwesterly flow over the state began to push the subtropical moisture away, and the atmosphere began to dry. High pressure began to strengthen over the Southwestern U.S., resulting in continued dry and warm temperatures across the state for the weekend.

## FIELD CROPS

**Rice** fields continued to be sprayed for weeds. Wild rice harvest continues in Sutter County. **Sudan** harvest continued. **Safflower** fields were being harvested while other fields were drying down prior to harvest. **Alfalfa** was being cut, dried, and baled. **Sunflower** harvest continued in Sutter County. **Sugar beets** were being fertilized and irrigated in some parts of the state while fall sugar beets were being harvested in Fresno County. **Cotton** bloom and boll setting continued. **Corn** grain and silage were in various states of growth, and treatments were being applied to control weeds and insects. Dry **beans** were setting pods and maturing. **Barley**, **oat**, and **wheat** harvest ended with previously harvested fields being disked in preparation for fall crops in Fresno County. Sweet potato harvest progressed in Merced County. **Garlic** and **broccoli** seed fields continued to be harvested while **lettuce** fields for seed continued to bloom and set seed in Fresno County.

## FRUIT CROPS

Flame Seedless, Black Emerald, Champagne, Princess, Red Globe, Summer Royal, Thompson Seedless and Zante Currant table **grape** harvests progressed. Growers continued to fertilize, irrigate and apply treatments for weeds, diseases and insects. Harvests of mid-season **peaches**, **plums** and **nectarines** were in full swing; numerous varieties were being picked. Processors were preparing for **prune** harvest in Sutter County. **Apricot** harvest was winding down in San Benito County. A few **strawberry** fields were also being harvested there. Brown Turkey **figs** were harvested. Bartlett **pear** harvest was underway in Yuba County with good quality reported. The exception was in a few areas that had hail damage. **Persimmon** and **kiwi** fruit were treated for insects and weeds. **Pomegranates** were forming fruit. **Olive** trees also continued to form fruit and were showing a good set. Some pruning occurred in olive groves. Growers reported a slow **lemon** and Valencia **orange** harvest.

## NUT CROPS

**Walnuts** were sprayed with white wash for sunburn protection. Some walnut groves were treated for codling moth and mites. **Almond** hull split was ongoing and many groves were sprayed for weeds. Limbs continued to break under the heavy set and propping of branches was still taking place.

## VEGETABLE CROPS

Fresh market **tomato** planting winded down in Merced County while insecticide sprays continued to be applied to the tomatoes and **melons**. **Sweet corn** and tomatoes were being picked for roadside stands in Tulare County. Harvest of processing tomatoes advanced. Preparation for **watermelon** harvest continued in Stanislaus County while melons continued to be treated for cucumber beetle in Sutter County. Harvesting continued for broccoli, **cabbage**, **cilantro**, **kale**, **spinach**, **summer squash**, fresh market tomatoes, **carrots**, **onions**, **cucumbers**, **squash**, **eggplant**, **bell peppers**, and lettuce throughout the state.

## LIVESTOCK

Non-irrigated mountain or higher elevation pastures were in poor condition. However, irrigated mountain or high elevation and valley pastures were in moderate to good conditions. Beef cows on dry foothill pastures were receiving protein supplements. Hay was being fed to cows in the central area of the State where dry grass was very short. Early fall calving of beef cows will start in the upcoming weeks. Sheep and goats were grazing on dry land wheat, retired farmland, and abandoned alfalfa fields in the central area. Honey bees and leafcutter bees were being placed into melon and alfalfa seed fields for pollination. In the northern valley, bees were moved from sunflowers to vine seed fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 07/29/07

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION			
	Average Week Ending 07/29/07	Departure from Normal	High	Low	This Season	Normal	This Season		Normal	
					January 1 - 07/29/07	January 1 - 07/29/07	Week Ending 07/29/07	July 1 - 07/29/07	July 1 - 07/29/07	July 1 - June 30
NORTH COAST	-- Degrees Fahrenheit --				-- Number --		-- Inches --			
Eureka	59	1	66	51	18	0	0.04	1.39	0.19	37.53
Ukiah	76	1	99	54	800	690	0.00	0.12	0.08	37.96
Santa Rosa	68	0	92	51	449	402	0.00	0.17	0.07	30.30
CENTRAL COAST										
San Francisco AP	63	0	72	55	250	143	0.00	0.02	0.04	19.70
San Jose	69	-2	82	55	632	639	0.00	0.01	0.05	14.42
Salinas AP	63	-1	72	53	186	130	0.00	0.00	0.04	12.44
Monterey FAA	62	-1	73	53	116	34	0.00	0.00	0.07	18.72
King City	68	-1	86	53	666	472	0.00	0.00	0.01	11.44
Paso Robles AP	75	1	99	50	970	752	0.00	0.00	0.00	13.95
SACRAMENTO VALLEY										
Redding	83	1	102	60	1,606	1,285	0.00	1.71	0.14	33.30
Red Bluff FSS	84	1	103	60	1,602	1,359	0.00	1.30	0.12	22.29
Chico AFS	79	1	99	55	1,420	1,063	0.00	0.27	0.09	26.32
Marysville	78	-2	100	55	1,458	1,294	0.00	0.04	0.07	21.04
Sacramento AP	76	0	96	55	1,104	962	0.00	0.01	0.05	17.52
SAN JOAQUIN VALLEY										
Stockton WSO	79	0	99	57	1,427	1,134	0.04	0.20	0.04	13.95
Fresno	85	2	102	66	1,788	1,477	0.00	0.00	0.02	10.60
Bakersfield	87	2	104	72	1,920	1,630	0.00	0.00	0.01	5.72
SOUTH COAST										
Santa Maria AP	65	1	79	54	270	128	0.00	0.00	0.03	12.36
Santa Barbara	66	0	77	53	259	261	0.00	0.03	0.04	16.25
Ventura	66	66	78	56	290	0	0.00	0.00	0.01	14.38
Los Angeles	76	1	89	65	1,158	1,118	0.00	0.00	0.00	14.77
Riverside	82	3	101	64	1,542	1,107	0.00	0.00	0.03	9.58
San Diego AP	72	0	80	66	626	758	0.00	0.00	0.03	9.90
SOUTHEAST INTERIOR										
Bishop	--	--	104	61	1,240	865	0.39	0.43	0.16	5.37
Lancaster	86	4	105	66	1,788	1,231	0.00	0.00	0.09	6.92
Daggett AP	91	1	107	74	2,618	2,129	0.05	0.05	0.36	3.93
Thermal AP	91	0	109	76	2,861	2,689	0.00	0.00	0.15	3.16
Blythe	93	-2	107	80	3,228	2,967	0.00	0.00	0.29	3.60
Imperial	94	2	110	82	3,138	2,761	0.00	0.00	0.09	2.75
CASCADE - SIERRA										
Alturas	70	3	94	41	369	152	0.00	0.04	0.31	12.01
Mt. Shasta	71	2	91	44	424	231	0.00	0.18	0.43	37.02
Blue Canyon	73	4	82	64	546	264	0.00	0.00	0.46	67.04
Yosemite	74	1	96	53	737	507	0.00	0.00	0.53	37.05

Normal is defined as average over the 30-year period 1961 through 1990. Dashes (- -) in Average Week Ending and Departure from Normal columns mean less than five days reporting, while in High and Low columns mean no days reporting.

Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data are quality controlled by the National Climatic Data Center, the accumulated growing degree day and precipitation values are updated.